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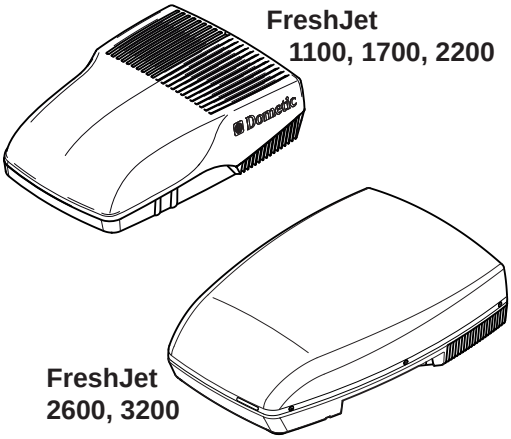

Dometic FreshJet

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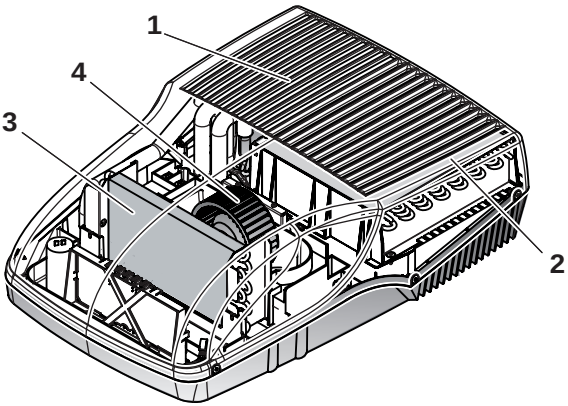
FreshJet
1100, 1700, 2200



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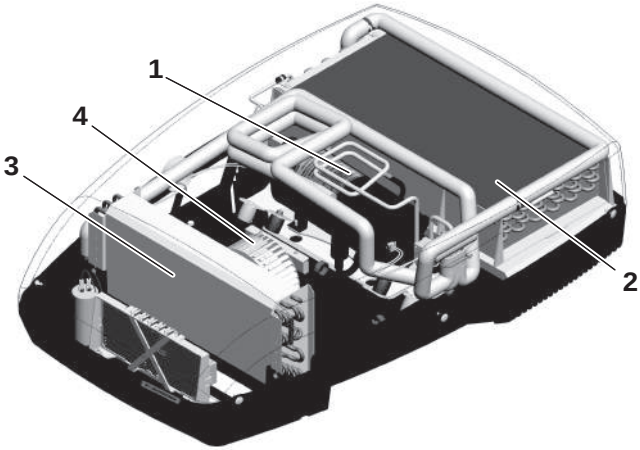

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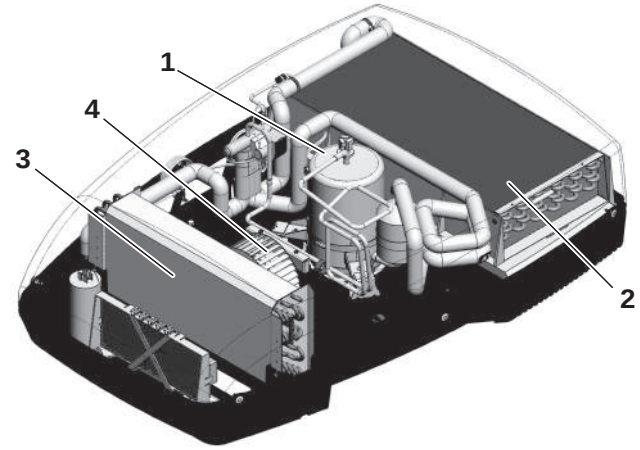

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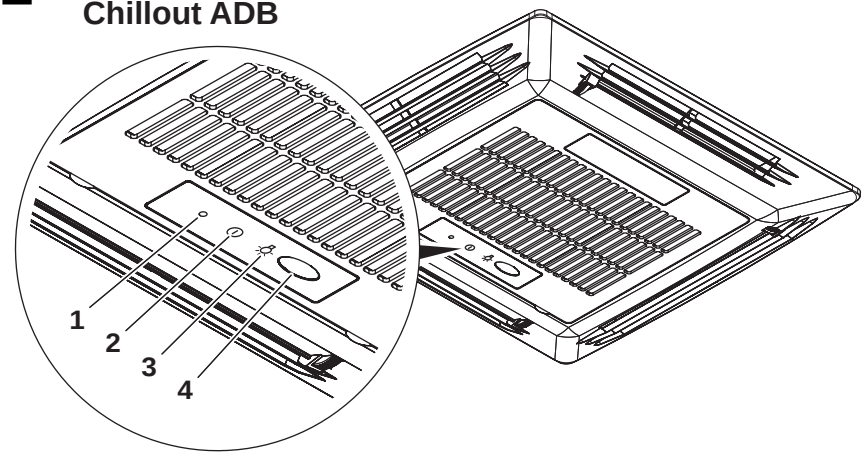
Chillout ADB



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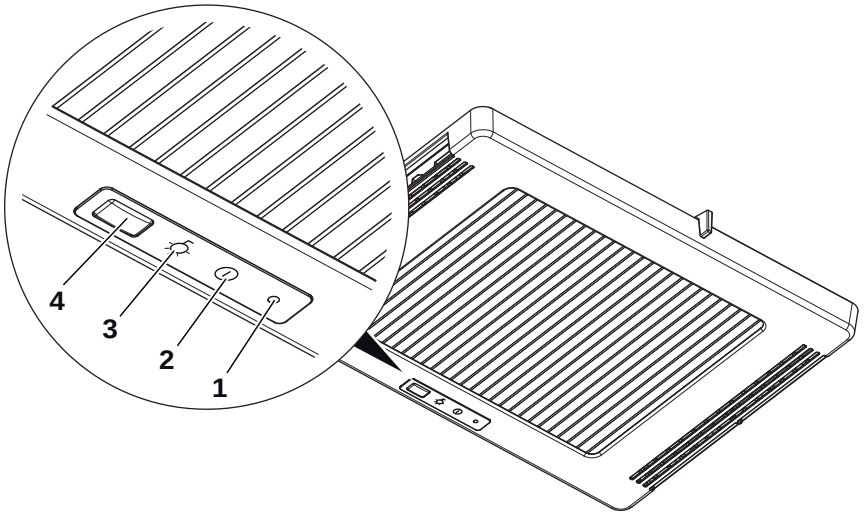

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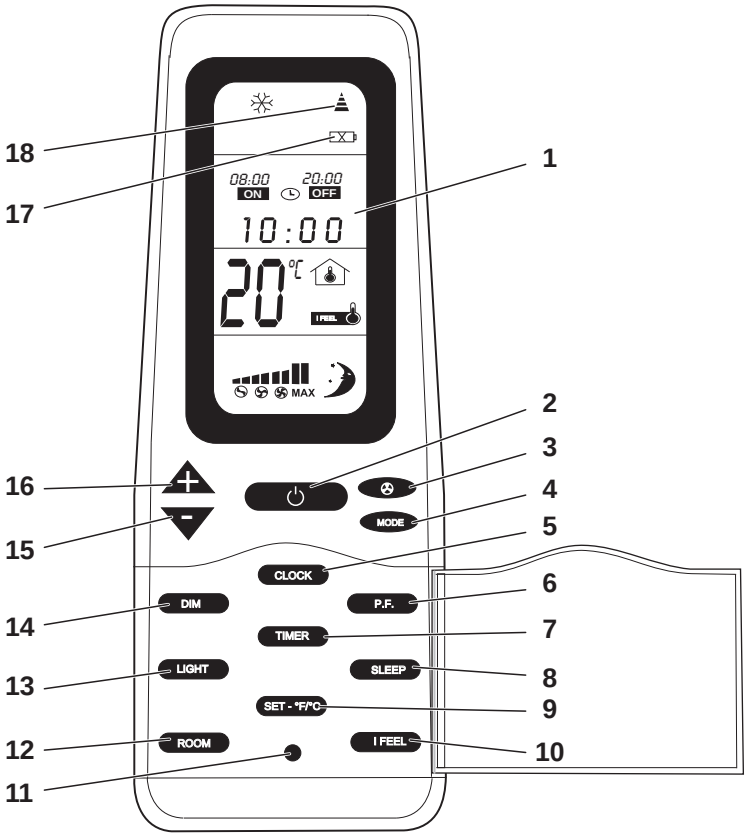
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DIM
P.F.
TIMER
LIGHT
SLEEP
SET - °F/°C
ROOM
I FEEL

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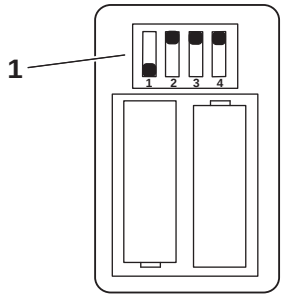
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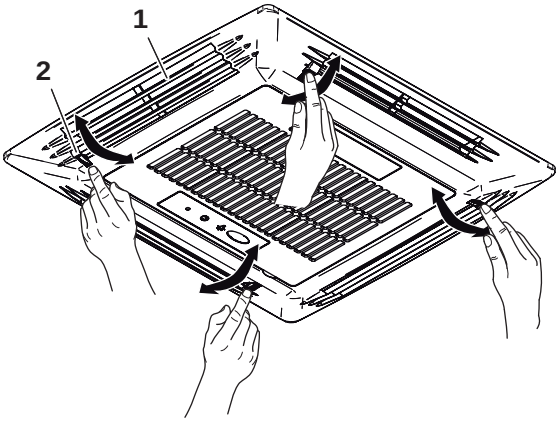
Chillout ADB



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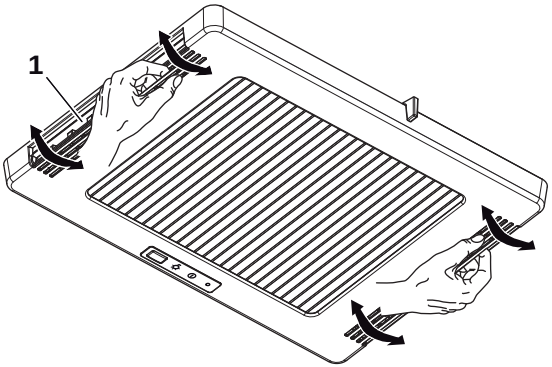

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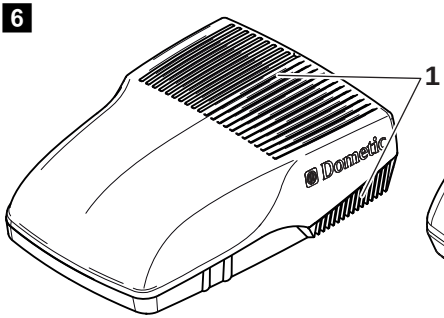
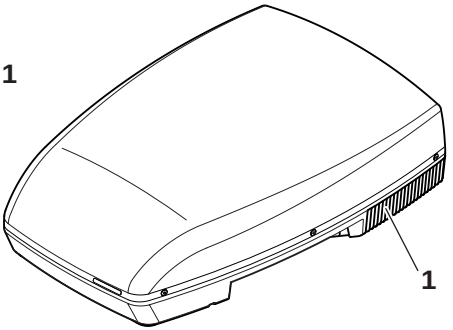


FreshJet 1100, 1700, 2200



FreshJet 2600, 3200

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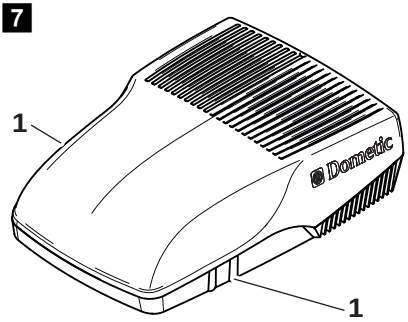

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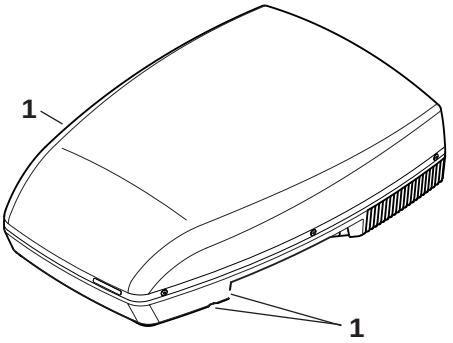

FreshJet 2600, 3200

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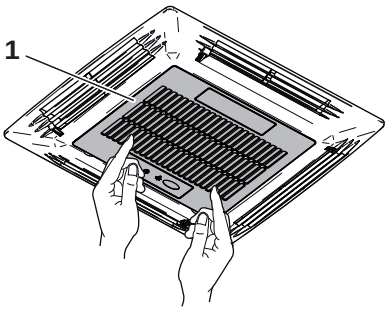

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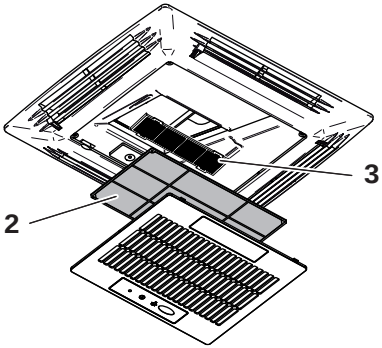

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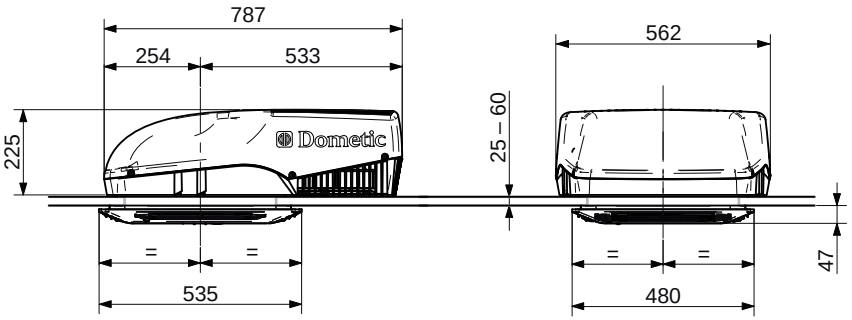
FreshJet 1100, 1700, 2200 + Chillout ADB (9102900232, 9102900233)



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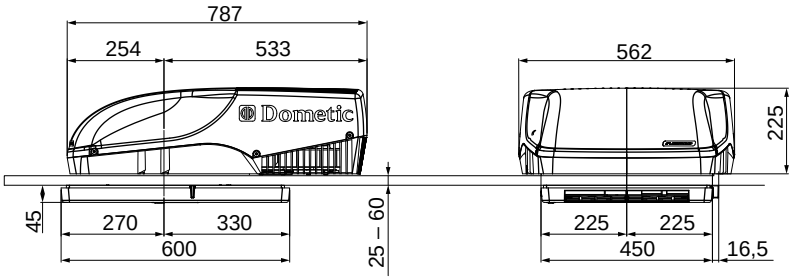

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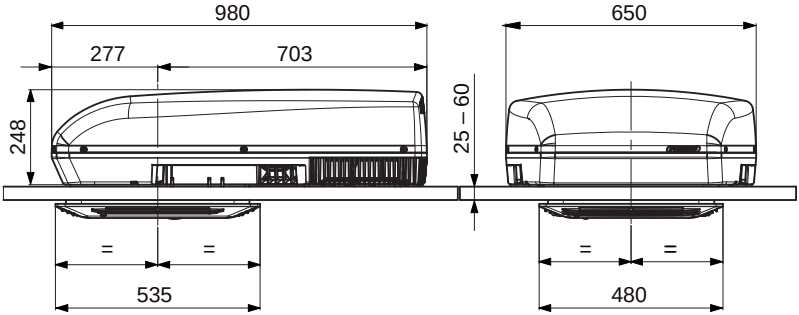

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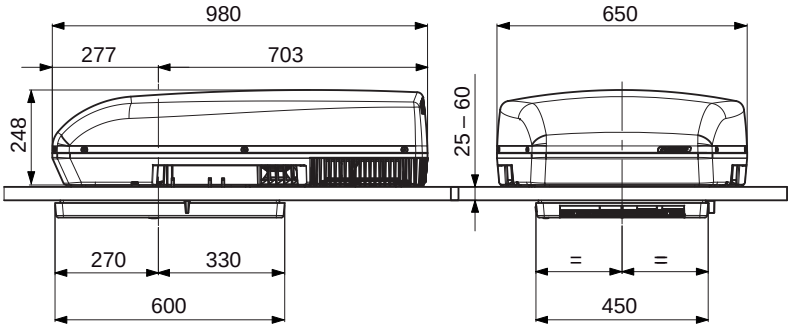

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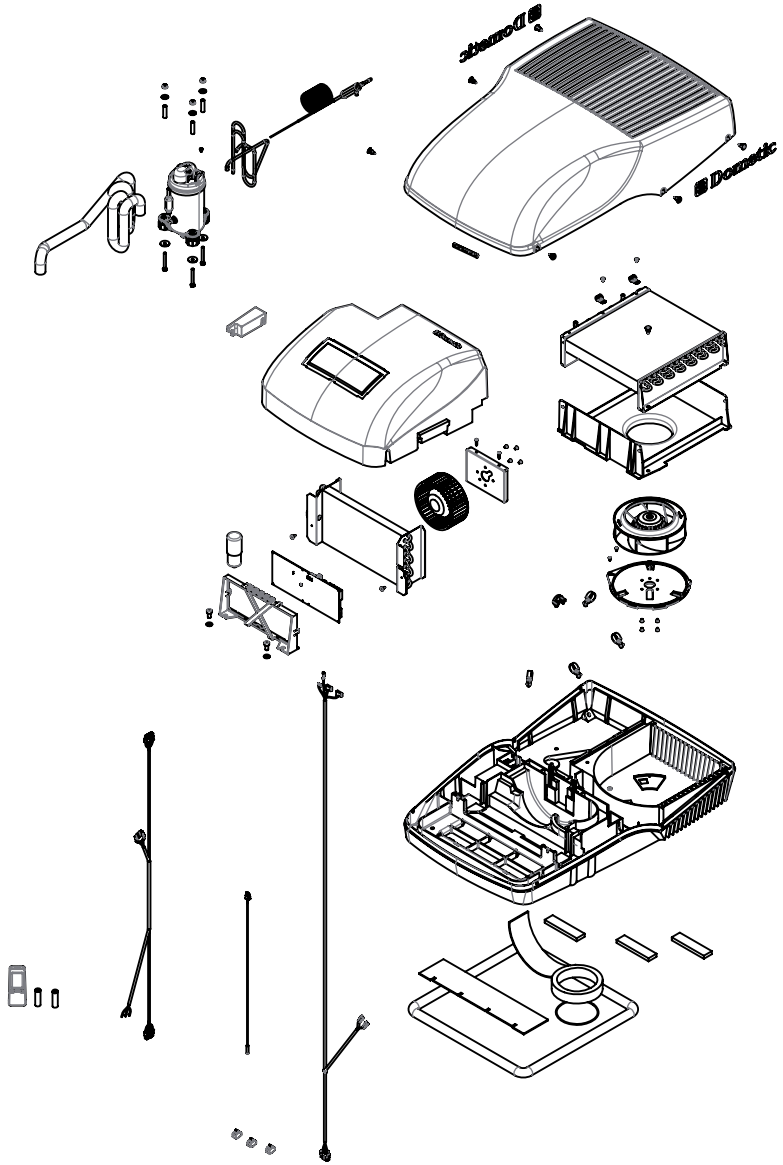

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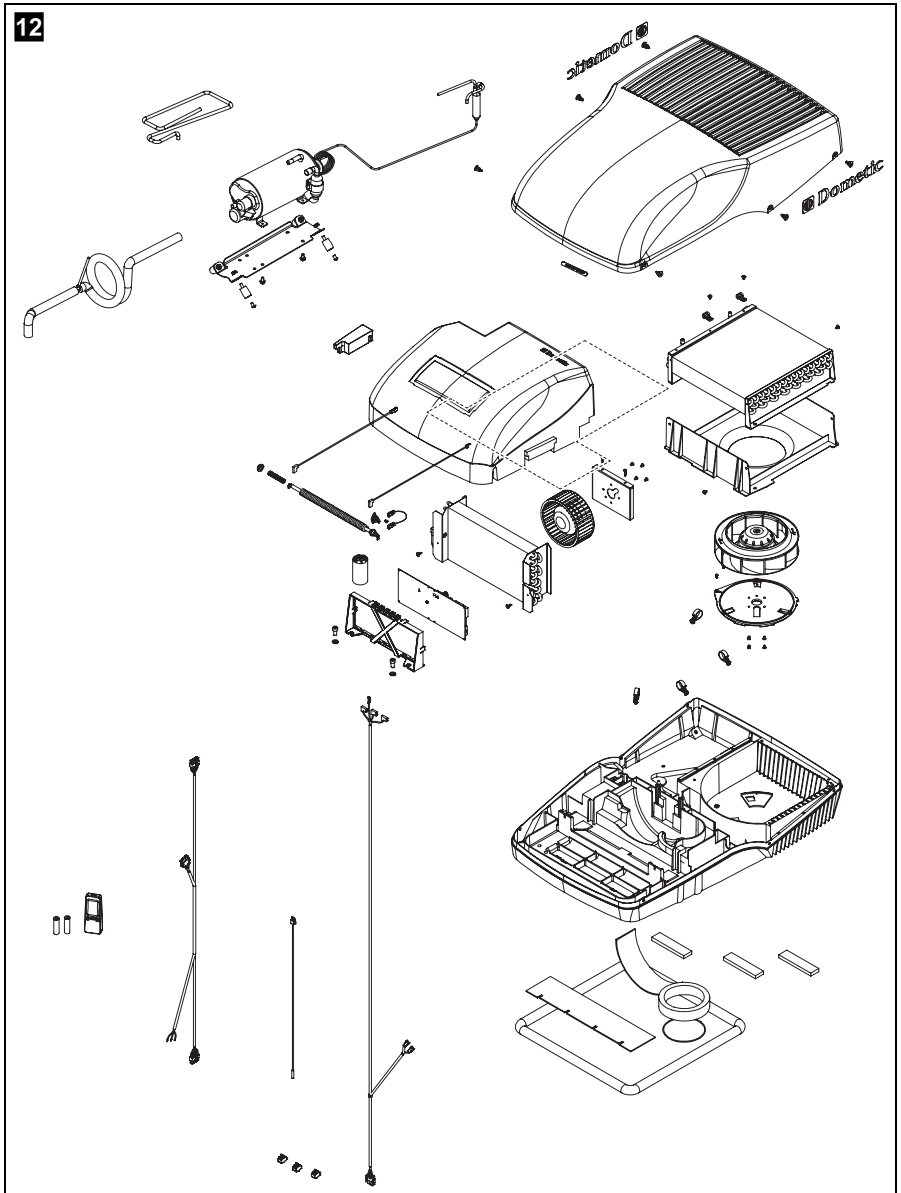

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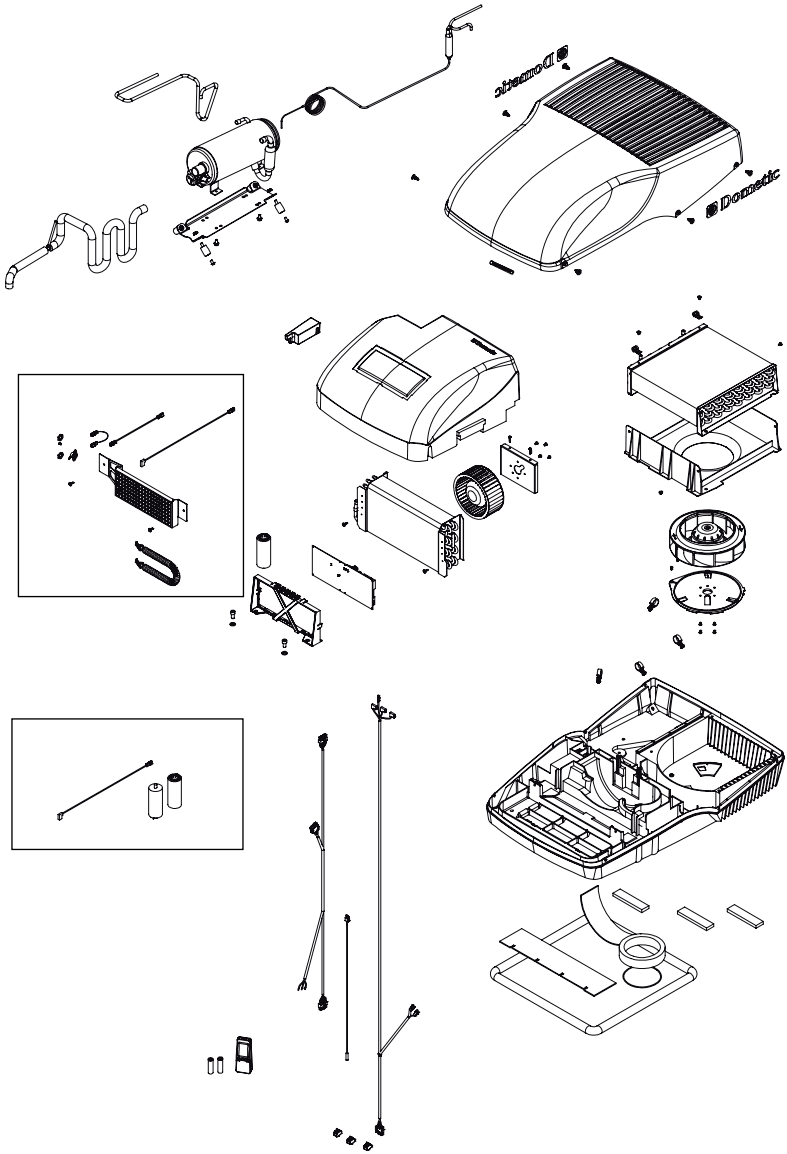

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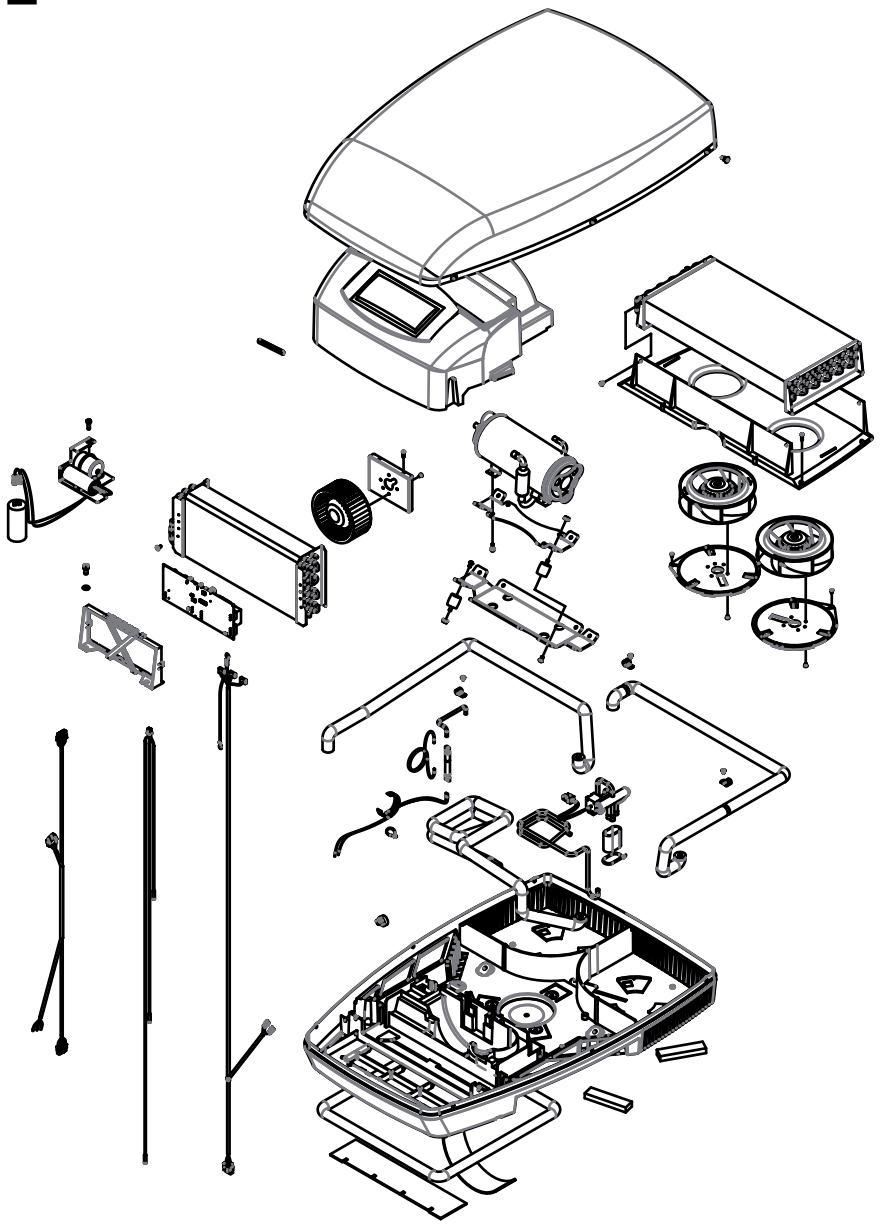

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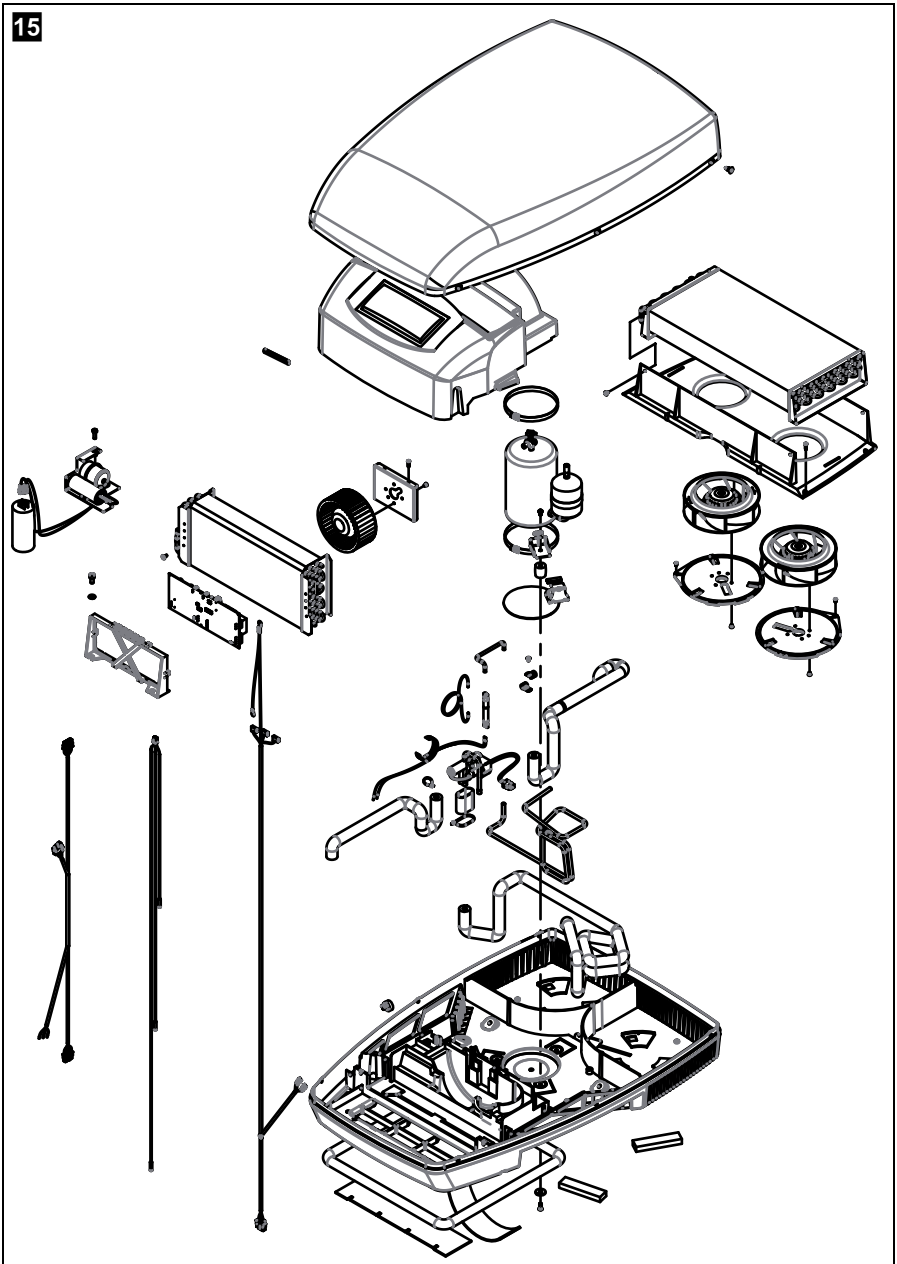

FreshJet 3200 (9102900269)

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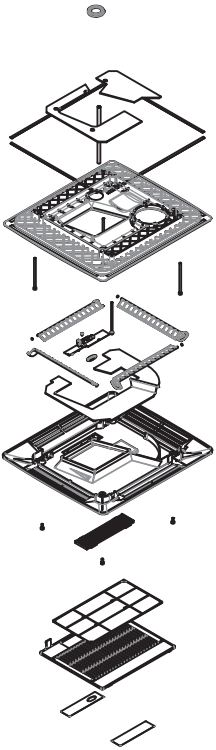
Chillout ADB (9102900232, 9102900233)



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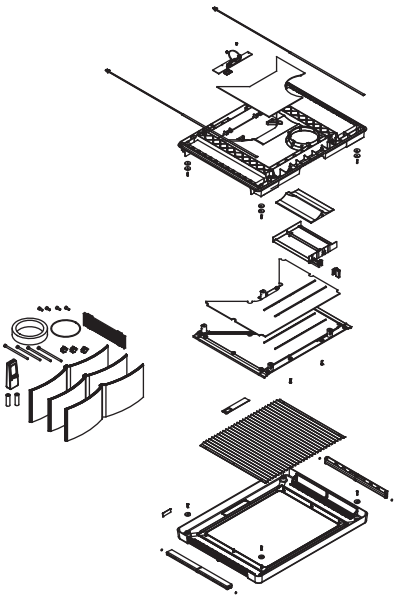
Design ADB (9102900234, 9102900235)



Please read this manual carefully before installing and using the device, and keep it in a safe place. If you sell the device, pass on this instruction manual to the buyer.

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1 Explanation of symbols

WARNING!
Safety instruction: Failure to observe this instruction can cause fatal or serious injury.

CAUTION!
Safety instruction: Failure to observe this instruction can lead to injury.

NOTICE!
Failure to observe this instruction can cause material damage and impair the function of the product.

NOTE
Supplementary information for operating the product.

➤ **Action:** This symbol indicates that action is required on your part. The required action is described step-by-step.

✓ This symbol describes the result of an action.

Fig. 1 5, page 3: This refers to an element in an illustration. In this case, item 5 in figure 1 on page 3.

2 Safety instructions

The manufacturer accepts no liability for damage in the following cases:

- Damage to the product resulting from mechanical influences and excess voltage
- Alterations to the product without express permission from the manufacturer
- Use for purposes other than those described in the operating manual

In particular, the manufacturer will not be liable for any consequential damage, especially consequential damage caused by failure of the roof air conditioner.

Note the following basic safety information when using electrical devices to protect against:

- Electric shock
- Fire hazards
- Injury

2.1 General safety

WARNING!

- **Electrical devices are not toys**.
  Keep electrical appliances out of reach of children or infirm persons. Do not let them use the appliances without supervision.
- Persons whose physical, sensory or mental capabilities or whose lack of experience and knowledge prevent them from using the device safely should not use it without supervision or instruction by a responsible person.
- Only use the device as intended.
- Do not make any alterations or conversions to the device.
- Installation, maintenance and repairs of the roof airconditioner may only be carried out by qualified personnel who are familiar with the risks involved when handling refrigerant and air conditioning systems as well as the relevant regulations. Inadequate repairs may cause serious hazards. For repair service, please contact the service centre in your country (addresses on the back page).

- Do not use the roof air conditioner near flammable fluids or in closed rooms.
- Make sure no combustible objects are stored or installed near the air outlet. A distance of at least 50 cm must be kept.
- Do not reach into air outlets or insert any foreign objects in the roof air conditioner.
- Do **not** undo the upper cover of the roof air conditioner in the event of a fire. Use approved extinguishing agents instead. Do not use water to extinguish fires.

NOTICE!

- Never drive through automatic car washes when the roof air conditioner is mounted.
- Please ask your vehicle manufacturer if a technical inspection is required after fitting an air conditioner and whether the height entered in your vehicle documents needs to be altered:
  – FreshJet 1100, 1700, 2200: increased height 225 mm
  – FreshJet 2600, 3200: increased height 248 mm
- If faults occur in the roof air conditioner's refrigerant circuit, the roof air conditioner must be checked by a specialist company and properly repaired. The refrigerant must never be released into the air.

2.2 Operating the device safely

WARNING!

- Always disconnect the power supply when working on the device.

NOTICE!

- The roof air conditioner is not suitable for use in agricultural or construction vehicles.
- Operate the device only if you are certain that the housing and the cables are undamaged.

3 Target group for this manual

This operating manual is for the user of the roof air conditioner.

4 Scope of delivery

FreshJet 1100

Designation	Item number
Dometic FreshJet 1100 roof air conditioner	9105305735
Installation manual	
Operating manual	

FreshJet 1700

Designation	Item number
Dometic FreshJet 1700 roof air conditioner	
with heating	9105305737
without heating	9105305736
Installation manual	
Operating manual	

FreshJet 2200

Designation	Item number
Dometic FreshJet 2200 roof air conditioner	
with heating	9105305739
with heating and soft start	9105305740
without heating	9105305738
Installation manual	
Operating manual	

FreshJet 2600

Designation	Item number
Dometic FreshJet 2600 roof air conditioner	
with heat pump and soft start	9105305660
Installation manual	
Operating manual	

FreshJet 3200

Designation	Item number
Dometic FreshJet 3200 roof air conditioner with heat pump and soft start	9105305661
Installation manual	
Operating manual	

Air outlet unit

Designation	Item number
Chillout ADB	9102900232 9102900233
Design ADB	9102900234 9102900235

5 Optional extras

Available as an option (not included in scope of delivery):

Designation	Item number
WAECO DC extension kit DC-Kit-1 (FJ1100 only)	9100300003
WAECO DC extension kit DC-Kit-2 (FreshJet 1100, 1700, 2200 only)	9100300001
WAECO DC extension kit DC-Kit-3 (FreshJet 1100, 1700, 2200 only)	9100300002
WAECO DC extension kit DC-Kit-4 (FreshJet 1100, 1700, 2200, 2600, 3200)	9100300044

NOTE
The WAECO DC extension kit (accessory) allows the Dometic FreshJet roof air conditioner to be used while in motion.

6 Intended use

The Dometic FreshJet roof air conditioner can condition the interior of campers and caravans with cool air.

The roof air conditioner is **not** suitable for installation in construction machines, agricultural machines or similar equipment. It will not work properly if exposed to strong vibrations.

The operating mode of Freshjet is guaranteed for temperature up to 52 °C.

7 Technical description

The roof air conditioner supplies the interior with cool dehumidified air without dust and dirt.

Four dimmable LED lamps integrated in the air outlet unit provide pleasant lighting.

The roof air conditioner is operated with the remote control.

NOTE
The roof air conditioner can lower the temperature within the vehicle to a certain level. The temperature depends on the type of vehicle, the ambient temperature and the cooling capacity of your roof air conditioner.
Below an outer temperature of 16 °C the roof air conditioner doesn't cool anymore. In this case only use the air conditioning mode "Circulating air" ( ).

7.1 Components

The refrigerant circuit of the roof air conditioner consists of the following main components (fig. 1, page 3):

- **Compressor** (**1**)
  The compressor draws in the refrigerant used and compresses it. This raises the pressure and therefore the temperature of the refrigerant.
- **Condenser** (**2**)
  The built-in liquefier works like a cooler or heat exchanger. The air flowing past absorbs the heat and the hot refrigerant gas cools down and becomes liquid.
- **Evaporator** (**3**)
  The evaporators cool down and dehumidify the air flowing past them. The refrigerant absorbs the heat and vaporises.
- **Blower (4)**
  A blower distributes the cooled air within the vehicle through an air outlet unit.

Overview of all parts:

- FreshJet 1100: fig. 11, page 10
- FreshJet 1700 (available for models with heating only): fig. 12, page 11
- FreshJet 2200 (available for models with heating and soft start): fig. 13, page 12
- FreshJet 2600: fig. 14, page 13
- FreshJet 3200: fig. 15, page 14
- Air outlet unit Chillout ADB: fig. 16, page 15
- Air outlet unit Design ADB: fig. 17, page 15

7.2 Control panel

The control panel is at the air outlet unit of the roof air conditioner (fig. **2**, page 4).

It contains the following control and display elements:

No.	Explanation	
1	Status LED	
	No light:	The roof air conditioner is switched off.
	Orange light:	The roof air conditioner is in stand-by mode.
	Green light:	The roof air conditioning is switched on.
	Flashing green light	**For models with heating only** The roof air conditioning is preparing for heat mode or defrost is active.
	Red light:	Only if the system is connected to 12 V⎓: the supply voltage of 230 V~ is not available.
	Slowly flashing red light:	Malfunction in interior temperature sensor E1
	Quickly flashing red light:	Malfunction in exterior temperature sensor E2
2	Button ⏻	Switches the roof air conditioner on, off or to stand-by mode Pressing the button longer engages the automatik mode.
3	Button 💡	Switches the light on or off or dims it. Only active when the roof air conditioner is switched on or on stand-by.
4	Infrared receiver for the remote control	

7.3 Remote control

All settings of the device (e. g. temperature settings, timer programming) are transmitted to the roof air conditioner by remote control.

The following control and display elements are available on the remote control (fig. **3**, page 5) :

No.	Explanation
1	**Digital display**: displays the following: – Time – Selected room temperature (target value) in °C or °F – Actual room temperature – Air conditioning mode – Blower level – Symbols for active additional functions – Battery status
2	Button ⏻: Switches the roof air conditioner and remote control on or to stand-by mode
3	Button: Selects the blower setting
4	**MODE** button: Selects the air conditioning mode
5	**CLOCK** button: Sets the time
6	**P.F.** button: No function assigned yet
7	**TIMER** button: Sets the timer
8	**SLEEP** button: Activates the sleep function. The sleep function automatically modifies the target value to provide a pleasant sleeping temperature.
9	**SET – °F/°C** button: Transmits current data to the roof air conditioner. Confirms the time setting. If temperature is displayed: switches between temperature units Celsius (°C) and Fahrenheit (°F)
10	**I FEEL** button: Activates the “I feel” function. Every 10 minutes, the “I feel” function adjusts the target temperature to the temperature measured by the remote control. The remote control must be pointed at the IR receiver (fig. **2** 4, page 4) on the control panel.

No.	Explanation
11	**Reset** button Resets all values to standard values
12	**ROOM** button: Press once: Displays the current interior temperature (symbol is displayed). Press again: Displays the set temperature.
13	**LIGHT** button: Switches the light of the roof air conditioner on or off. The **LIGHT** button remains functional even when the remote control is switched off.
14	**DIM** button: Dims the light of the roof air conditioner (using the **–** button and the **+** button)
15	**–** button: Reduces the value
16	**+** button: Increases the value
17	Symbol (batteries empty) Is displayed when the batteries in the remote control are empty. If this happens, replace the batteries, see chapter “Replacing the remote control batteries” on page 69.
18	Symbol (transmitting values) Is displayed briefly when the remote control is transmitting values to the roof air conditioner.

7.4 Air conditioning modes

The roof air conditioner has the following air conditioning modes:

Air conditioning mode	Display message	Explanation
Automatic		You specify the temperature, and the roof air conditioner brings the interior to this temperature by heating (available for models with heating only) or cooling and by controlling the necessary blower output. The button is deactivated in this mode.
Cooling		You specify the temperature and blower settings, and the roof air conditioner cools the interior to this temperature.
Heating		**Available for models with heating only** You specify the temperature and blower settings, and the roof air conditioner heats the interior to this temperature.
Circulating air		You specify the blower level, and the roof air conditioner blows air into the interior.
Dehumidification		You specify the temperature, and the roof air conditioner cools the interior to this temperature and controls the necessary blower output and dehumidifys the interior (Circulating air mode). The button is deactivated in this mode.

7.5 Additional functions

The roof air conditioner has the following additional functions:

Additional function	Display message	Explanation
Timer		The roof air conditioner is switched on at the specified time.
		The roof air conditioner is switched off at the specified time.
		The roof air conditioner is switched on and off at the specified times.
Sleep		The set temperature is modified by 1 °C after one hour and by 2 °C after two hours to generate a pleasant temperature for sleeping.
I feel		The remote control measures the room temperature and transmits this measurement to the roof air conditioner every 10 minutes. The roof air conditioner adapts the target value to this measurement. The remote control must be pointed at the IR receiver (fig. **2** 4, page 4) on the control panel.

8 Before initial use

Inspection before starting up

Before you switch on the roof air conditioner, observe the following:

➤ Check whether the supply voltage and frequency correspond to the values specified in the technical data, see page 75.

➤ Ensure both the air intake opening and the air nozzles are free. All ventilation grilles must always be kept free to ensure that the roof air conditioner is able to operate at maximum capacity.

CAUTION! Beware of injury
Do not insert your fingers or objects into the air nozzles or the intake grille.

Check remote control and insert batteries

➤ Insert the provided batteries in the remote control battery compartment, see chapter “Replacing the remote control batteries” on page 69.

➤ Check that the four Dip switches (fig. 4 1, page 5) are in the correct position.

➤ If you changed the position of the Dip switches:
Acknowledge the new setting using the Reset button (fig. 3 11, page 5).

Setting the time

➤ Set the current time: see chapter “Setting the time” on page 70.

9 Operating the roof air conditioner

9.1 Basic notes on operation

The roof air conditioner has three operating modes:

Operating mode	Features
Off	The roof air conditioner is switched off. The remote control is inactive.
Stand-by	The roof air conditioning is ready for operation and can be switched on with the remote control. The lights are available.
On	The roof air conditioner is conditioning the air in the interior.

You can use the **control panel** to

- switch the roof air conditioner on, off or to stand-by mode
- switch the light on and off or dim it

You can use the **remote control** to

- switch the roof air conditioner to and from stand-by mode.
- switch the light on and off or dim it
- make the settings
- select additional functions

9.2 Using the remote control

There are two ways to control the roof air conditioner with the remote control:

- You can transmit the values directly to the roof air conditioner when you set them
- You can first specify all values on the remote control and then transmit them collectively to the roof air conditioner

Transmitting values directly when they are set

The remote control **must** be pointed at the IR receiver (fig. **2** 4, page 4) on the control panel during operation.

When a button is pressed, the value is transmitted directly to the roof air conditioner. The roof air conditioner confirms the receipt of data with a high note.

Specifying values and transmitting them collectively to the roof air conditioner

The remote control **may not** be pointed at the IR receiver (fig. **2** 4, page 4) on the control panel during operation.

Specify the required values on the remote control. Once you have made all your settings, point the remote control to the IR receiver on the control panel and press the **SET – °F/°C** button. This transmits the data to the roof air conditioner. The roof air conditioner confirms the receipt of data with a high note.

Switching only the remote control to or from stand-by

In stand-by mode, the remote control display shows only the time.

If the remote control is not pointing to the IR receiver (fig. **2** 4, page 4) on the control panel, you can activate the remote control or switch it to stand-by independently from the roof air conditioner:

➤ Press the ⏻ button.

9.3 Hint for improved use

The following hints will optimise the performance of your roof air conditioner:

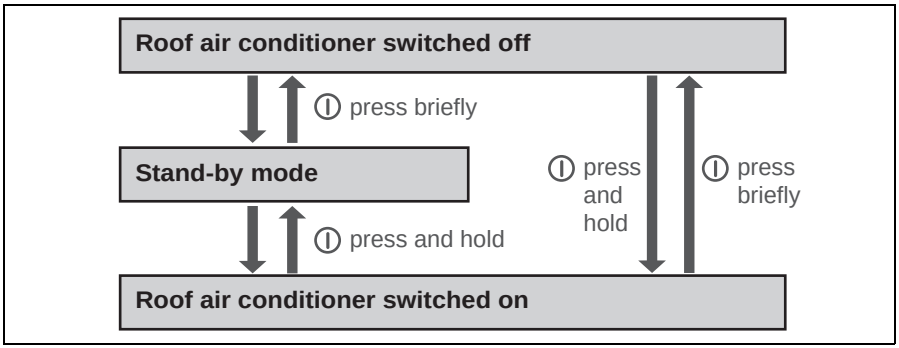
- Improve the heat insulation of your vehicle by sealing gaps and hanging reflective blinds or curtains on your windows.
- If the vehicle has been subjected to direct sunlight for a long time: Operate the roof air conditioner in the “Circulating air” (🌀) mode with the windows open for a while before switching on the “Cooling” (❄) air conditioning mode.
- Avoid opening doors and windows as far as possible in the “Cooling” (❄) mode.
- Select an appropriate temperature and blower speed.
- Align the air nozzles sensibly.
- Make sure the air nozzles and intake grille are not covered by cloths, paper or other objects.

9.4 Switching the roof air conditioner on and off

NOTE
When it is switched on, it begins to condition the air to the values that were set most recently.

With the control panel

The figure shows how to use the control panel to switch the roof air conditioner on, off or to stand-by. Press the ⏻ button as shown in the illustration:



Example: The roof air conditioner is in stand-by mode. You want to switch it off.

➤ Briefly press the ⏻ button.

✓ The roof air conditioner is switched off.

With the remote control

NOTE
- The roof air conditioner can only be operated by the remote control when it is switched on or in stand-by mode.
- You can use the remote control to switch the roof air conditioner to and from stand-by mode. Press the ⏻ button.
- Available for models with heating only:
  If you switch of the roof air conditioner from the “Heating” (☼) mode using the remote control the blower continues working for a few minutes to avoid an overheating of the device. The LED flashes orange. Press the ⏻ button of the control panel to completely switch off the roof air conditioner.

9.5 Selecting the air conditioning mode

➤ Select the air conditioning mode of your choice using the **MODE** key, see chapter “Air conditioning modes” on page 59.

✓ The roof air conditioner confirms the receipt of the values with a high note.

✓ The roof air conditioner is switched to the selected air conditioning mode.

9.6 Selecting the blower setting manually

The blower controls the strength of the air supply.
In the “Cooling” (❄) and “Circulating air”(🌀) modes, the blower levels can be selected manually. In the other air conditioning modes, the roof air conditioner controls the blower level automatically.

Display message	Explanation
	Low blower level
	Medium blower level
	High blower level
	Highest blower level
	Automatic mode, only available in the “Cooling” (❄) air conditioning and “Dehumidifying” (💧) modes.

➤ Use the 🌀 button to select the desired blower level.

✓ The roof air conditioner confirms the receipt of the values with a high note.

✓ The new blower level has been set.

9.7 Setting the temperature

Cooling Mode

In the “Automatic” (), “Cooling” (), and “Dehumidifying” () modes, you can specify a temperature between 16 °C and 31 °C via the remote control.

➤ Use the **+** or **–** button to select the desired temperature.

✓ The roof air conditioner confirms the receipt of the values with a high note.

✓ The temperature is set on the roof air conditioner.

Heating Mode (available for models with heating only)

In the “Automatic” () and “Heating” () modes, you can specify a temperature between 16 °C and 31 °C via the remote control.

➤ Use the **+** or **–** button to select the desired temperature.

✓ The roof air conditioner confirms the receipt of the values with a high note.

✓ The temperature is set on the roof air conditioner.

9.8 Adjusting the air nozzles

The air supply within the vehicle can be regulated by setting the air nozzles (fig. **5**, page 6).

➤ **Chillout ADB:** Turn the slats (**1**) in the air nozzles in the required direction using the thumb wheel (**2**).

➤ **Design ADB:** Turn the slats (**1**) in the air nozzles in the required direction.

9.9 Setting the timer

The timer function allows you to set a specific time period for air conditioning. You can specify the switch-on time, the switch-off time or both values. The time can be set in 10 minute increments.

NOTE
The remote control returns to its initial mode if no button is pressed on the remote control for 15 seconds while programming the timer.

➤ Before programming the timer, select the air conditioning mode and all required values (e.g. temperature).

Setting the switch-on time

➤ Press the **TIMER** button once.

✓ The **ON** symbol (08:00 ON) flashes on the display of the remote control.

➤ Use the **+** or **–** button to set the time when the roof air conditioner is to switch on.

➤ Press the **SET – °F/°C** button to transmit the value to the roof air conditioner.

✓ The switch-on time is set on the roof air conditioner.
The roof air conditioner is switched on with the selected air conditioning mode at the specified time.

➤ Switch the roof air conditioner to stand-by.

Setting the switch-off time

➤ Press the **TIMER** button twice.

✓ The **OFF** symbol (20:00 OFF) flashes on the display of the remote control.

➤ Use the **+** or **–** button to set the time when the roof air conditioner is to switch off.

➤ Press the **SET – °F/°C** button to transmit the value to the roof air conditioner.

✓ The switch-off time is set on the roof air conditioner.
The roof air conditioner runs in the selected air conditioning mode until the specified time.

Setting the switch-on and switch-off times

➤ Press the **TIMER** button three times.

✓ The **ON** symbol (08:00 ON) flashes on the display of the remote control.
The **OFF** symbol (20:00 OFF) is displayed.

➤ Use the **+** or **–** button to set the time when the roof air conditioner is to switch on.

➤ Press the **TIMER** button again.

✓ The **OFF** symbol (20:00 OFF) flashes on the display of the remote control.

➤ Use the **+** or **–** button to set the time when the roof air conditioner is to switch off.

➤ Press the **SET – °F/°C** button to transmit the value to the roof air conditioner.

✓ The switch-on and switch-off times are set on the roof air conditioner. The roof air conditioner starts in the selected air conditioning mode at the specified time and runs until the second specified time.

➤ Switch the roof air conditioner to stand-by.

Cancelling timer settings

If you have set the timer, you can cancel these settings as follows:

➤ Press the **TIMER** button five times.

✓ The timer symbol disappears. The setting has been cancelled.

9.10 Activating the sleep function

When the sleep function is activated, the set temperature is modified by 1 °C after one hour and by 2 °C after two hours to ensure a pleasant temperature for sleeping.

➤ Set the required temperature (see chapter “Setting the temperature” on page 66).

➤ Press the **SLEEP** button.

✓ The symbol appears in the display.
The sleep function is activated.

9.11 Activating the “I feel” function

When this function is active, the remote control measures the room temperature and transmits this measurement to the roof air conditioner every 10 minutes. The roof air conditioner adapts the target value to this measurement.

➤ Press the **I FEEL** button.

➤ Position the remote control so that it points at the IR receiver (fig. **2** 4, page 4) on the control panel. Otherwise, the values cannot be transmitted to the roof air conditioner.

NOTE
The remote control should not be kept in a part of the room that is considerably warmer or colder than the average room temperature. It may not, for example, be left in the sun or in front of the roof air conditioner.

9.12 Operating the lights

The lights on the roof air conditioner can be dimmed. When switched on, they revert to the most recently specified brightness.

Switching the light on/off with the control panel

➤ Briefly press the button to switch the lamps on or off.

Dimming the light with the control panel

➤ Press and hold the button until the lights have been dimmed to the required brightness.

Switching the light on/off with the remote control

➤ Press the **LIGHT** button to switch the lamps on or off.

Dimming the light with the remote control

➤ Press the **DIM** button

➤ Press and hold the **–** button or the **+** button until the lights have been dimmed to the required brightness.

➤ Press the **SET** button to confirm the settings.

9.13 Replacing the remote control batteries

Replace the batteries if you see the symbol on the display.

The battery compartment is on the back of the remote control.

➤ Gently push down the lid of the battery compartment and slide it open in the direction of the arrow.

➤ Insert the new batteries (2x type AAA) in the remote control as indicated in the battery compartment.

➤ Close the cover of the battery compartment.

Protect the environment!
Do not dispose of batteries with general household waste. Return any used batteries to your retailer or take them to a collection point.

9.14 Setting the time

The remote control needs the current time in order to program the timer. The time is indicated on the display of the remote control.
Perform the following steps to set the time:

NOTE
The remote control returns to its initial mode if no key is pressed on the remote control for ten seconds while setting the time.

➤ Press and hold the **CLOCK** button to go to the mode used to set the time.
✓ The time flashes on the display of the remote control.
➤ Use the **+** or **–** button to set the current time.
➤ Press the **SET – °F/°C** button to confirm the time.

10 Cleaning the roof air conditioner

NOTICE! Beware of damage
- Do not clean the roof air conditioner with a high-pressure cleaner. Exposure to water can damage the air conditioner.
- Do not use sharp or hard objects or cleaning agents for cleaning as these may damage the roof air conditioner.
- To clean the roof air conditioner, use water with a gentle cleaning agent. Never use petrol, diesel or solvents.

➤ Clean the housing of the roof air conditioner and the air outlet unit occasionally with a damp cloth.
➤ Regularly remove leaves and other dirt from the ventilation grilles (fig. **6** 1, page 7) of the roof air conditioner. Make sure you do not damage the grilles in the process.
➤ Clean the remote control with a slightly damp cloth from time to time. We recommend using a cleaning cloth for glasses to clean the display.

11 Maintenance of the roof air conditioner

WARNING!
Any other maintenance work to that which is described here may only be carried out by qualified personnel who are familiar with the risks involved when handling refrigerant and air conditioning systems as well as the relevant regulations.

Interval	Inspection/maintenance
Regularly	Check the condensation water drainage: ➤ Check whether the condensation water drainage channels (fig. 7 1, page 7) at the sides of the roof air conditioner are clear and the condensation water is able to escape.
Regularly	Clean the filter of the air discharge unit (fig. 8, page 7): ➤ Manually take off the filter cover (**1**). ➤ Remove the filter (**2**). ➤ Clean the filter (**2**) with a detergent solution and let it dry. ➤ Put the dry filter (**2**) back in. ➤ Put the cover (**1**) back on.
Once per year	Check the profile seals: ➤ Check the seal between the roof air conditioner and the roof of the vehicle for cracks and other damage.
Once per year	Have the heat exchanger serviced: ➤ Have the heat exchanger of the roof air conditioner serviced by specialist workshop.
Once per year	Replace the carbon filter (fig. 8, page 7): ➤ Manually take off the filter cover (**1**). ➤ Remove the filter (**2**). ➤ Remove the carbon filter (**3**). ➤ Clean the filter (**2**) with a detergent solution and let it dry. ➤ Put a new carbon filter in. ➤ Put the dry filter (**2**) back in. ➤ Put the cover (**1**) back on.

12 Troubleshooting

Problem	Cause	Remedy
Roof air conditioner constantly switches itself off.	Icing sensor has tripped.	Outer temperature is too low or all air nozzles are closed.
No cooling capacity	The roof air conditioner is not set to cooling.	➤ Set the roof air conditioner to cooling.
	The ambient temperature is above 52 °C.	The roof air conditioner is only designed for ambient temperatures of up to 52 °C.
	The temperature set is higher than the room temperature.	➤ Select a lower temperature.
	The ambient temperature is below 16 °C.	The roof air conditioner is only designed for ambient temperatures above 16 °C.
	One of the temperature sensors is defective.	➤ Contact an authorised workshop.
	The vaporiser fan is damaged.	
	The condenser fan is damaged.	
Low air output	The air intake section is clogged up.	➤ Remove any leaves and other dirt from the ventilation grilles of the roof air conditioner.
	The blower is defective.	➤ Contact an authorised workshop.
Water enters the vehicle	The condensation water drainage openings are clogged up.	➤ Clean the drainage openings for condensation water.
	The seals are damaged.	➤ Contact an authorised workshop.
Roof air conditioner does not switch on.	No supply voltage (230 V~) connected.	➤ Check the power supply.
	The voltage is too low (under 200 V~). The voltage converter is defective.	➤ Contact an authorised workshop.
	One of the temperature sensors is defective.	
	The electrical fuse of the power supply is too low.	➤ Check the electrical fuse of the power supply.
Roof air conditioner does not switch off.	One of the temperature sensors is defective.	➤ Contact an authorised workshop.
	The electrical fuse of the power supply is too low.	➤ Check the electrical fuse of the power supply.

13 Warranty

The statutory warranty period applies. If the product is defective, please contact the service partner in your country (addresses on the back on the instruction manual).

Our experts will be happy to help you and will discuss the warranty process with you in more detail.

14 Disposal

Regulations for environmental safety and correct disposal

All organisations must apply a set of procedures to identify, evaluate and control the influence that their activities (manufacturing, products, services, etc.) have on the environment.

The procedures to be followed to identify significant environmental impact must take the following factors into account:

- use of raw materials and natural resources
- atmospheric emissions
- discharge of liquids
- waste management and recycling
- contamination of the soil

In order to minimise environmental impact, the manufacturer provides a series of indications here below that should be taken into account by all those who, for whatever reason, interact with the appliance during its working life.

- All packing components must be disposed of (preferably recycled) in compliance with statutory legislation in the country in which disposal takes place.
- All product components must be disposed of (preferably recycled) in compliance with statutory legislation in the country in which disposal takes place.
- For correct disposal, the appliance must be consigned to an authorised waste disposal company to ensure that all recyclable components are reused and the remaining materials are processed properly.
- During installation ensure the room has adequate ventilation to prevent the build-up of stale air that might be harmful to the health of the operators.
- During operation and maintenance ensure that any waste pollutant products (oil, grease, etc.) are disposed of correctly.

- Keep noise levels down to reduce noise pollution.

For more information on correct dismantling of our products please refer to the recycling handbooks at www.dometic.com.

➤ Place the packaging material in the appropriate recycling waste bins wherever possible.

➤ When in operation or undergoing repairs and maintenance work, make sure that the refrigerant circuit is not damaged and refrigerant cannot escape. It acts as a greenhouse gas and should not be allowed into the environment.

If you wish to finally dispose of the product, ask your local recycling centre or specialist dealer for details about how to do this in accordance with the applicable disposal regulations.

➤ Dispose of the product at an official waste disposal facility in accordance with the applicable recycling or disposal guidelines.

Protect the environment!
Do not dispose of any batteries with general household waste. Return defective or used batteries to your retailer or dispose of them at collection points.

15 Technical data

	Dometic FreshJet 1100	Dometic FreshJet 1700	
Item no.:	9105305735	9105305736	9105305737
Compressor cooling capacity:	1000 W	1700 W	
Cooling capacity based on ISO 5151:	850 W	1600 W	
Heating capacity:	–	–	800 W
Rated input voltage:	230 V~ / 50 Hz		
Power consumption in cooling mode:	2.0 A	2.7 A	
Power consumption in heating mode:	–	–	3.5 A
Operating temperature range:	0 °C to +52 °C		
Refrigerant:	R-134a	R-407c	
Blower:	4 blower levels 1 Automatic mode		
Protection class:	IPX4		
Max. volume of space in the vehicle (with insulated walls):	16 m³	20 m³	
Dimensions L x W x H, fig. **9**, page 8:	787 x 562 x 225 mm (height above vehicle roof)		
Weight:	approx. 22.5 kg	approx. 29 kg	
Inspection/certification:	CE E24 10R-030842	CE E24 10R-040883	

	Dometic FreshJet 2200	
Item no.:	9105305738	9105305739 9105305740
Compressor cooling capacity:	2200 W	
Cooling capacity based on ISO 5151:	2050 W	
Heating capacity:	–	1200 W
Rated input voltage:	230 V~ / 50 Hz	
Power consumption in cooling mode:	4.1 A	
Power consumption in heating mode:	–	5.2 A
Operating temperature range:	0 °C to +52 °C	
Refrigerant:	R-407c	
Blower:	4 blower levels 1 Automatic mode	
Protection class:	IPX4	
Max. volume of space in the vehicle (with insulated walls):	25 m³	
Dimensions L x W x H, fig. **9**, page 8:	787 x 562 x 225 mm (height above vehicle roof)	
Weight:	approx. 32 kg	
Inspection/certification:	CE E24 10R-041003	

	Dometic FreshJet 2600	Dometic FreshJet 3200
Item no.:	9105305660	9105305661
Compressor cooling capacity:	2500 W	2800 W
Cooling capacity based on ISO 5151:	2500 W	2800 W
Heating capacity:	3300 W	
Rated input voltage:	230 V~ / 50 Hz	
Power consumption in cooling mode:	5.2 A	5.7 A
Power consumption in heating mode:	5.9 A	5.9 A
Operating temperature range:	0 °C to +52 °C	
Refrigerant:	R-407c	R-410a
Blower:	4 blower levels 1 Automatic mode	
Protection class:	IPX4	
Max. volume of space in the vehicle (with insulated walls):	29 m³	29 m³
Dimensions L x W x H (mm), fig. **9**, page 8:	980 x 650 x 248 mm (height above vehicle roof)	
Weight:	approx. 39 kg	approx. 36 kg
Inspection/certification:	E24 10R-041411	E24 10R-041412

Dometic GROUP

GERMANY
Dometic WAECO International GmbH
Hollefeldstraße 63 · D-48282 Emsdetten
☏ +49 (0) 2572 879-195 · 🖷 +49 (0) 2572 879-322
Mail: info@dometic-waeco.de · Internet: www.dometic-waeco.de

AUSTRALIA
Dometic Australia Pty. Ltd.
1 John Duncan Court
Varsity Lakes QLD 4227
☏ +61 7 55076000
🖷 +61 7 55076001
Mail: sales@dometic-waeco.com.au

AUSTRIA
Dometic Austria GmbH
Neudorferstrasse 108
2353 Guntramsdorf
☏ +43 2236 908070
🖷 +43 2236 90807060
Mail: info@waeco.at

BENELUX
Dometic Benelux B.V.
Ecustraat 3
NL-4879 NP Etten-Leur
☏ +31 76 5029000
🖷 +31 76 5029090
Mail: info@dometic.nl

DENMARK
Dometic Denmark A/S
Nordensvej 15, Taulov
DK-7000 Fredericia
☏ +45 75585966
🖷 +45 75586307
Mail: info@waeco.dk

FINLAND
Dometic Finland OY
Mestarintie 4
FIN-01730 Vantaa
☏ +358 20 7413220
🖷 +358 9 7593700
Mail: info@dometic.fi

FRANCE
Dometic SAS
ZA du Pré de la Dame Jeanne
F-60128 Plailly
☏ +33 3 44633500
🖷 +33 3 44633518
Commercial : info@dometic.fr
SAV/Technique : service@dometic.fr

HONG KONG
WAECO Impex Ltd.
Suites 2207-2211 · 22/F · Tower 1
The Gateway · 25 Canton Road,
Tsim Sha Tsui · Kowloon
Hong Kong
☏ +852 24611386
🖷 +852 24665553
Mail: info@dometic-waeco.com.hk

HUNGARY
Dometic Plc. Sales Office
Kerékgyártó u. 5.
H-1147 Budapest
☏ +36 1 468 4400
🖷 +36 1 468 4401
Mail: budapest@dometic.hu

ITALY
Dometic Italy S.r.l.
Via Virgilio, 3
I-47100 Forlì
☏ +39 0543 754901
🖷 +39 0543 756631
Mail: info@dometic.it

NORWAY
Dometic Norway AS
Skolmar 24
N-3232 Sandefjord
☏ +47 33428450
🖷 +47 33428459
Mail: firmapost@waeco.no

POLAND
Dometic Poland Sp. z o.o.
Ul. Puławska 435A
02-801 Warszawa
Poland
☏ +48 22 414 32 00
🖷 +48 22 414 32 01
Mail: info@dometic.pl

RUSSIA
Dometic RUS LLC
Komsomolskaya square 6-1
107140 Moscow
Russia
☏ +7 495 780 79 39
🖷 +7 495 916 56 53
Mail: info@dometic.ru

SLOVAKIA
Dometic Slovakia s.r.o.
Tehelná 8
SK-98601 Fiľakovo
☏ +421 47 4319 107
🖷 +421 47 4319 166
Mail: info@dometic.sk

SPAIN
Dometic Spain S.L.
Avda. Sierra del Guadarrama, 16
E-28691 Villanueva de la Cañada
Madrid
☏ +34 902 111 042
🖷 +34 900 100 245
Mail: info@dometic.es

SWEDEN
Dometic Scandinavia AB
Gustaf Melins gata 7
S-42131 Västra Frölunda (Göteborg)
☏ +46 31 7341100
🖷 +46 31 7341101
Mail: info@waeco.se

SWITZERLAND
Dometic Switzerland AG
Riedackerstrasse 7a
CH-8153 Rümlang (Zürich)
☏ +41 44 8187171
🖷 +41 44 8187191
Mail: info@dometic-waeco.ch

TAIWAN
WAECO Impex Ltd.
Taipei Office
2 FL-3 · No. 56 Tunhua South Rd, Sec 2
Taipei 106, Taiwan
☏ +886 2 27014090
🖷 +886 2 27060119
Mail: marketing@dometic-waeco.com.tw

UNITED KINGDOM
Dometic UK Ltd.
Dometic House · The Brewery
Blandford St. Mary
Dorset DT11 9LS
☏ +44 844 626 0133
🖷 +44 844 626 0143
Mail: sales@dometic.co.uk

UNITED ARAB STATES
Dometic Middle East FZCO
P. O. Box 17860
S-D 6, Jebel Ali Freezone
Dubai, United Arab Emirates
☏ +971 4 883 3858
🖷 +971 4 883 3868
Mail: info@dometic.ae

UNITED STATES OF AMERICA
Dometic Marine Division
2000 N. Andrews Ave. Extension
Pompano Beach, FL 33069 USA
☏ +1 954 973 2477
🖷 +1 954 979 4414
Mail: marinesales@dometicusa.com

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